Chapter 1 Preview Name _____
Tools of Geometry
Geometry Date _____

Define the following:

1. Undefined Term
2. Point
3. Line
4. Plane
5. Collinear
6. Coplanar
7. Intersection
8. Definition
9. Defined Term
10. Space
11. Line Segment
12. Betweenness of Points
13. Between
14. Congruent Segments
15. Construction
16. Distance
17. Midpoint
18. Segment Bisector
19. Ray
20. Opposite Rays
21. Angle
22. Side
23. Vertex
24. Interior
25. Exterior
26. Degree
27. Right Angle
28. Acute Angle
29. Obtuse Angle
30. Angle Bisector
31. Adjacent Angles
32. Linear Pair
33. Vertical Angles
34. Complementary Angles
35. Supplementary Angles
36. Perpendicular
37. Polygon
38. Vertex of a Polygon
39. Concave
40. Convex
41. *n*-gon
42. Equilateral Polygon
43. Equiangular Polygon
44. Regular Polygon
45. Perimeter
46. Circumference
47. Area
48. Polyhedron
49. Face
50. Edge
51. Vertex
52. Prism
53. Base
54. Pyramid
55. Cylinder
56. Cone
57. Sphere
58. Regular Polyhedron
59. Platonic Solid
60. Surface Area
61. Volume

You *should* be able to do the following objectives:

1. How do you identify and model points, lines, and planes?
2. How do you identify intersecting lines and planes?
3. How do you measure segments?
4. How do you calculate with measures?
5. How do you find the distance between two points?
6. How do you find the midpoint of a segment?
7. How do you measure and classify angles?

8. How do you identify and use congruent angles and the bisector of an angle?
9. How do you identify and use special pairs of angles?
10. How do you identify perpendicular lines?
11. How do you identify and name polygons?
12. How do you find perimeter, circumference, and area of two-dimensional figures?
13. How do you identify and name three-dimensional figures?
14. How do you find surface area and volume?

If you can give a good definition for each term without having to look it up, then you should be ready to identify these terms for application. If you can describe a method as to how to perform each of the objectives, then you should be ready to perform these tasks. If there are any terms or objectives that you are unsure about, then these are the things you want to take extra time studying.

Check the class wiki for summary assignments and bonus.